

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>A311061.6US</b> U.S. APPLICATION NO. if known (see 37 CFR 1.5) <b>107582287</b>
INTERNATIONAL APPLICATION NO. <b>PCT/ZA2004/000155</b>	INTERNATIONAL FILING DATE <b>12/10/2004</b>	PRIORITY DATE CLAIMED <b>12/10/2003</b>
TITLE OF INVENTION <b>Submersibly Operable High Volume and Low Pressure Liquid Transfer Equipment</b>		
APPLICANT(S) FOR DO/EO/US <b>Zacharias Joseph van den Berg</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
<b>10/582287</b>		A311061.6US
20. Other items or information:		
<b>Copy of priority Provisional Patent Application ZA2003/9329</b>		
The following fees have been submitted		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(e)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		
<b>TOTAL OF 21, 22 and 23 =</b>		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
- 100 =	/50 =	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	30 - 20 =	10 x \$0.25 = \$250
Independent claims	- 3 =	x \$200 = \$0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360 = \$0
<b>TOTAL OF ABOVE CALCULATIONS = \$250</b>		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		
<b>SUBTOTAL = \$0</b>		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). + \$0		
<b>TOTAL NATIONAL FEE = \$700</b>		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$0		
<b>TOTAL FEES ENCLOSED = \$700</b>		
Amount to be refunded:		\$
Amount to be charged		\$

AP3 Rec'd PCT/PTO 12 JUN 2008

10/582287

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 502346 in the amount of \$ 700 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502346. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 36536

SIGNATURE  
Sarah Osborn Hill  
NAME  
55,267  
REGISTRATION NUMBER

**10/582287**



500 West Jefferson Street, Suite 2800  
Louisville, Kentucky 40202-2898  
502.589.5235  
Fax: 502.589.0309

Sarah Osborn Hill  
502.562.7319  
shill@wyattfirm.com

APS Rec'd PCT/PTO 12 JUN 2006

June 12, 2006

Commissioner for Patents  
Mail Stop PCT  
P. O. Box 1450  
Alexandria, VA 22313-1450

Re: P U.S. National Stage Patent Application for "Submersibly Operable High Volume and Low Pressure Liquid Transfer Equipment"  
PCT/ZA2004/000155

Inventor: Zacharias Joseph van den Berg  
Attorney Docket No. A311061.6US

Dear Sir:

I hereby certify that the below listed items are being deposited with the United States Postal Service as Express Mail No. EV778403616US in an envelope addressed to: Commissioner for Patents, Mail Stop PCT, P. O. Box 1450, Alexandria VA 22313-1450 on June 12, 2006.

1. Transmittal letter, which includes certificate of mailing by Express Mail;
2. Original and duplicate Transmittal Letter to the U.S. Designated/Elected Office Concerning a Submission Under 35 USC 371 (total 6 pages);
3. U.S. National Stage Utility Patent Application (18 pages);
4. Four drawing sheets (Fig. 1-10);
5. Declaration (2 pages);
6. Power of Attorney (1 page);
7. Copy of PCT/ZA204/000155, including International Search Report;

[www.wyattfirm.com](http://www.wyattfirm.com)

500 West Jefferson Street, Suite 2800  
Louisville, KY 40202-2898  
502.589.5235

250 West Main Street, Suite 1600  
Lexington, KY 40507-1746  
859.233.2012

918 State Street  
Bowling Green, KY 42101  
270.842.1050

2525 West End Avenue, Suite 1500  
Nashville, TN 37203-1423  
615.244.0020

1715 Aaron Brenner Drive, Suite 800  
Memphis, TN 38120-4367  
901.537.1000

101 West Spring Street, Suite 500  
New Albany, IN 47150-3610  
812.945.3561



10/582287  
AP3 Rec'd PCT/PTO 12 JUN 2006

Commissioner for Patents  
June 12, 2006  
Page 2

8. Copy of priority Provisional patent application South Africa 2003/9329; and
9. Firm return receipt post card

Respectfully submitted,

WYATT, TARRANT, & COMBS

*Sarah Osborn Hill*

Sarah Osborn Hill  
55,267

/lv  
Enclosures

2026688.1